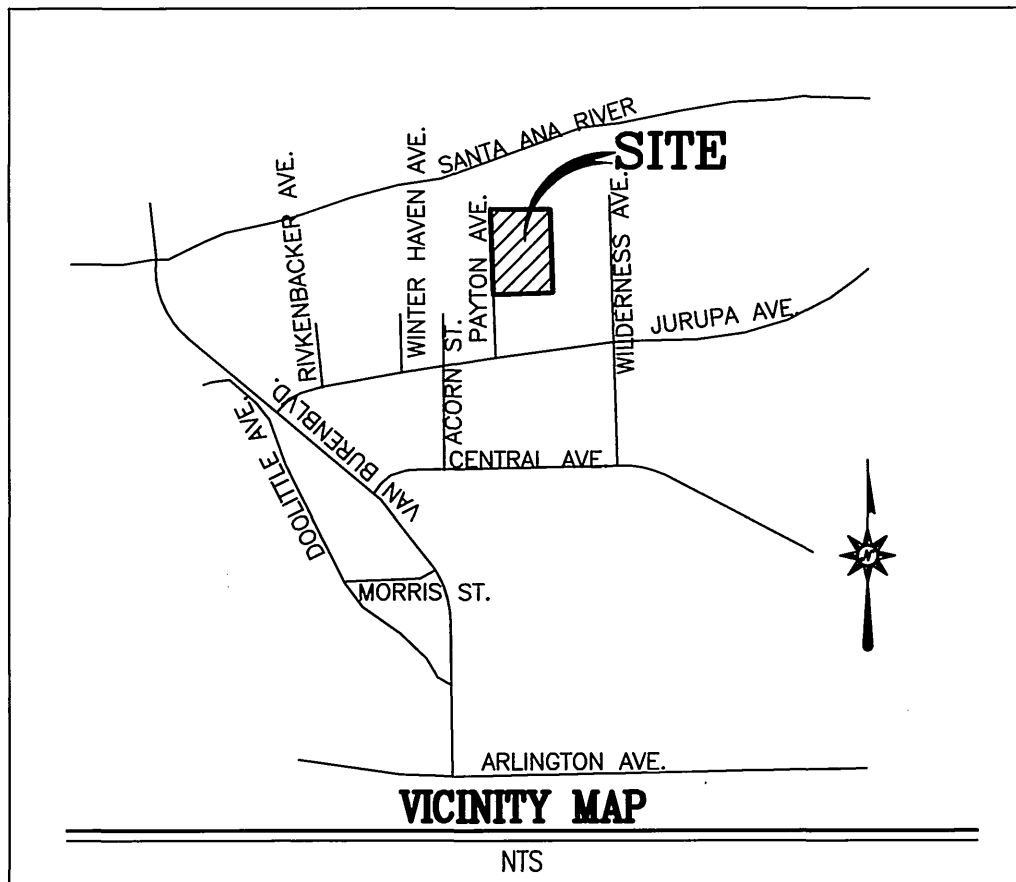
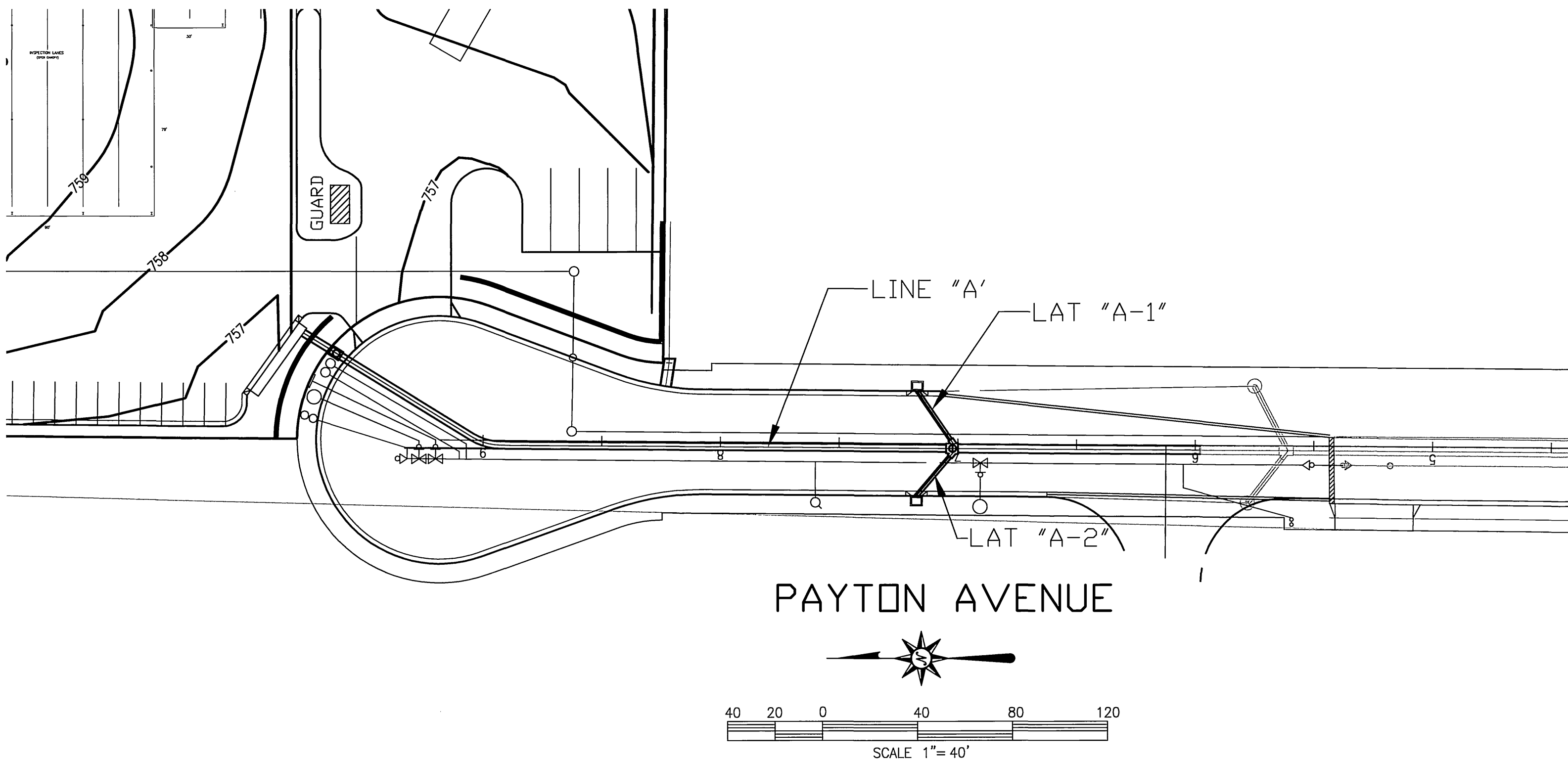


STORM DRAIN NOTES

- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- Construction shall be in accordance with City of Riverside Dept. of Public Works Standard Drawings, its supplemental notes and the Standard Specifications for Public Works Construction, Current Edition.
- It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
- Notice to contractor: The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of the available records. To the best of our knowledge there are no existing utilities except as shown on these plans. The contractor is required to take precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.
- The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
- The contractor shall call in a locations request to UNDERGROUND SERVICE ALERT (USA), Phone No. 1-800-227-2600, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an Inquiry Identification Number by U.S.A.
- The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
- All embankment fill shall be compacted to minimum of 90% maximum dry density and shall be of an approved quality.
- All flagged elevations shall be staked in the field by the private engineer.
- Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.
- The concrete cover on the inside of all concrete pipe must be increased to provide a min. of 1.5' over the reinforcing when the design velocities exceed 20 fps. The concrete design strength in these reaches shall be:  
fc = 5000 psi. for velocities exceeding 20 fps. and  
fc = 6000 psi. for velocities exceeding 30 fps.
- No person shall perform any construction activity or install any objects within the public right-of-way or easements of the City of Riverside without a valid construction permit or, a street opening permit or an encroachment permit issued by the City's Public Works Department.

MANHEIM AUTO AUCTION  
STORM DRAIN IMPROVEMENT PLANS  
PAYTON AVENUE



OWNER/APPLICANT

MANHEIM AUCTIONS

6205 PEACHTREE DUNWOODY DRIVE  
ATLANTA, GA 30328

ENGINEER

CANTY ENGINEERING GROUP, INC.  
2020 IOWA AVENUE, SUITE 110  
RIVERSIDE, CA 92507  
PHONE: (951) 683-5234  
FAX: (951) 683-5301

SOILS ENGINEER

LOR GEOTECHNICAL GROUP, INC.  
6121 QUAIL VALLEY COURT  
RIVERSIDE, CA 92507  
PHONE: (909) 653-0760  
FAX: (909) 683-1741

PROJECT AREA:

17.82 ACRES  
DISTURBED AREA: 17.82 ACRES

ASSESSOR'S PARCEL No:

APN: 189-140-001  
APN: 189-120-003

EXISTING LAND USE

VACANT

PROPOSED LAND USE

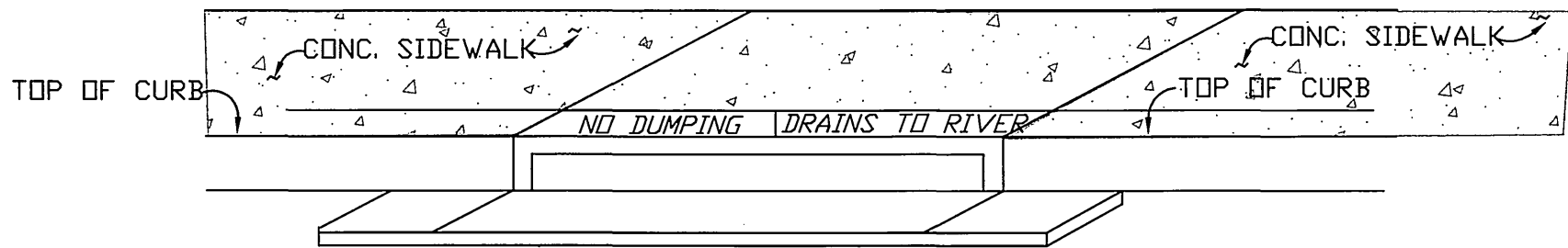
PARKING LOT

SITE ADDRESS:

5894 PAYTON AVENUE

UTILITIES

WATER: CITY OF RIVERSIDE  
SEWER: CITY OF RIVERSIDE  
GAS: SOUTHERN CALIFORNIA GAS  
ELECTRIC: CITY OF RIVERSIDE  
TELEPHONE: SBC



CATCH BASIN STENCILING DETAIL

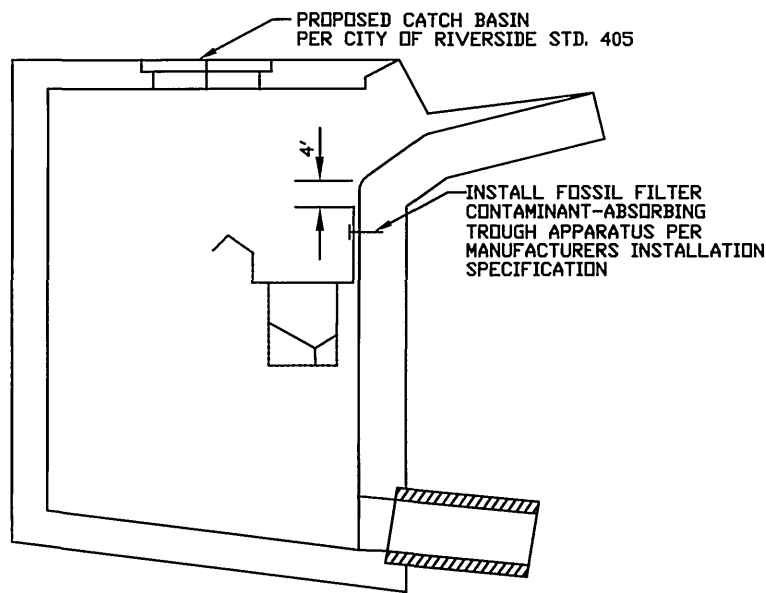
NTS

- STENCILS TO HAVE 2" LETTERS AS FOLLOWS:  
NO DUMPING  
DRAINS TO RIVER
- PLACE BOTH STENCILS CENTERED WITHIN THE CATCH BASIN OPENING AND WITHIN THE TOP OF CURB.
- SPRAY BOTH STENCILS WITH WHITE PAINT.
- REMOVE STENCILS WHEN PAINT IS DRY.

CONSTRUCTION NOTES

- MANHOLE "JM" PER CITY'S STD. DWG. No. 432. 1 EA.
- 42" RCP STORM DRAIN (18000, BEDDING PER STD 452 - CASE I). 102 LF.
- 36" RCP STORM DRAIN (18000, BEDDING PER STD 452 - CASE I). 359 LF.
- 35' CATCH BASIN WITH FOSSIL FILTER PER CITY'S STD. DWG. No. 405 (FOSSIL FILTER INSTALLATION DETAIL HEREON). 1 EA.
- 4' CATCH BASIN PER CITY'S STD. DWG. No. 405. 2 EA.
- 18" RCP STORM DRAIN (CLASS IV, BEDDING PER STD 452 - CASE I). 56 LF.
- MANHOLE "EZ" PER CITY'S STD. DWG. No. 431. 1 EA.

QUANTITIES



PRIVATE SYSTEM CATCH BASIN  
FOSSIL FILTER DETAIL

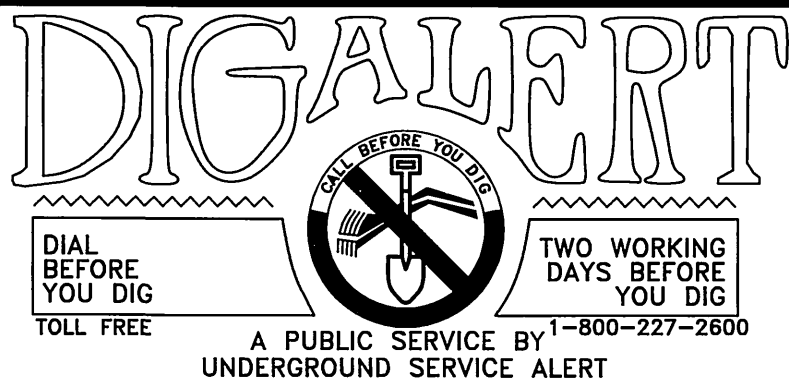
NTS

BENCH MARK

H4-G3: P.K. NAIL AND CITY ENGINEER TAG IN THE TOP OF A CATCH BASIN ALONG THE SOUTHERLY CURB OF JURUPA AVENUE, 80 FEET EASTERLY OF PAYTON AVENUE.

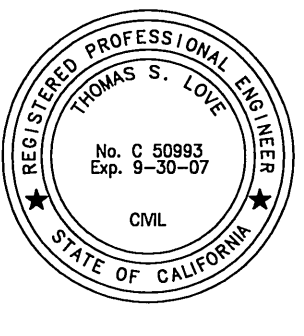
Approved By:

*MW McLeod* 5/2/06  
City of Riverside  
Public Utilities - Water  
Date



PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:

*Thomas S. Love*  
THOMAS S. LOVE  
REGISTERED CIVIL ENGINEER NO. 50993  
EXPIRATION DATE: 09-30-07 DATE: 1/31/06



CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
CITY BUSINESS TAX CERT. No. 69372 EXP. 04-07-06

SCALE: AS NOTED  
DATE: AUGUST 2005

BENCH MARK:

SEE ABOVE

MARK DESIGNED BY MC DRAWN BY MC CHECKED BY B.R.C.

CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: BY DATE: APPROVED BY: DATE: 5/8/06  
PRINCIPAL ENGR. PH 5/4/06  
CITY ENGINEER  
TRAFFIC DIVISION

IN THE CITY OF RIVERSIDE, CALIFORNIA  
MANHEIM AUTO AUCTIONS  
STORM DRAIN IMPROVEMENT PLAN  
5894 - PAYTON AVENUE

FOR: MANHEIM

PW05-0458

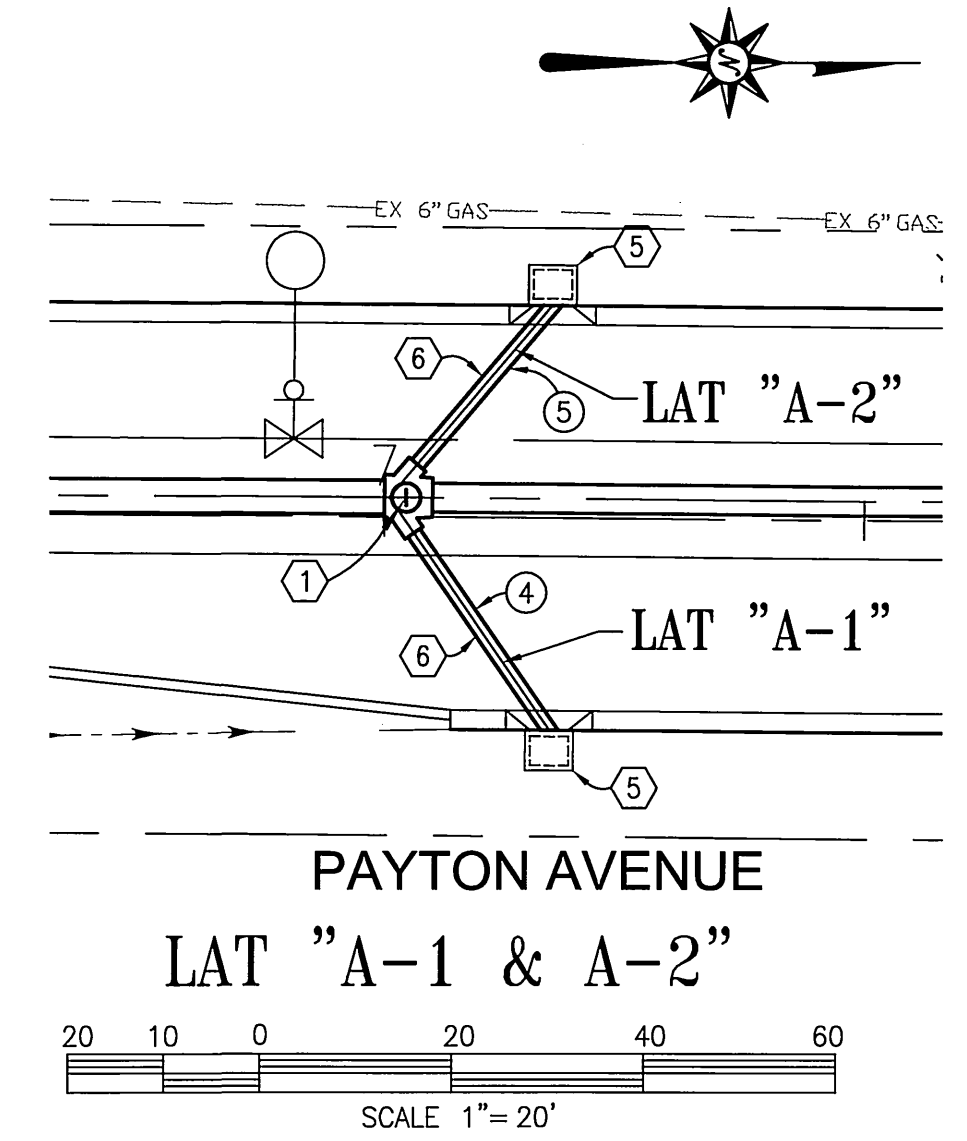
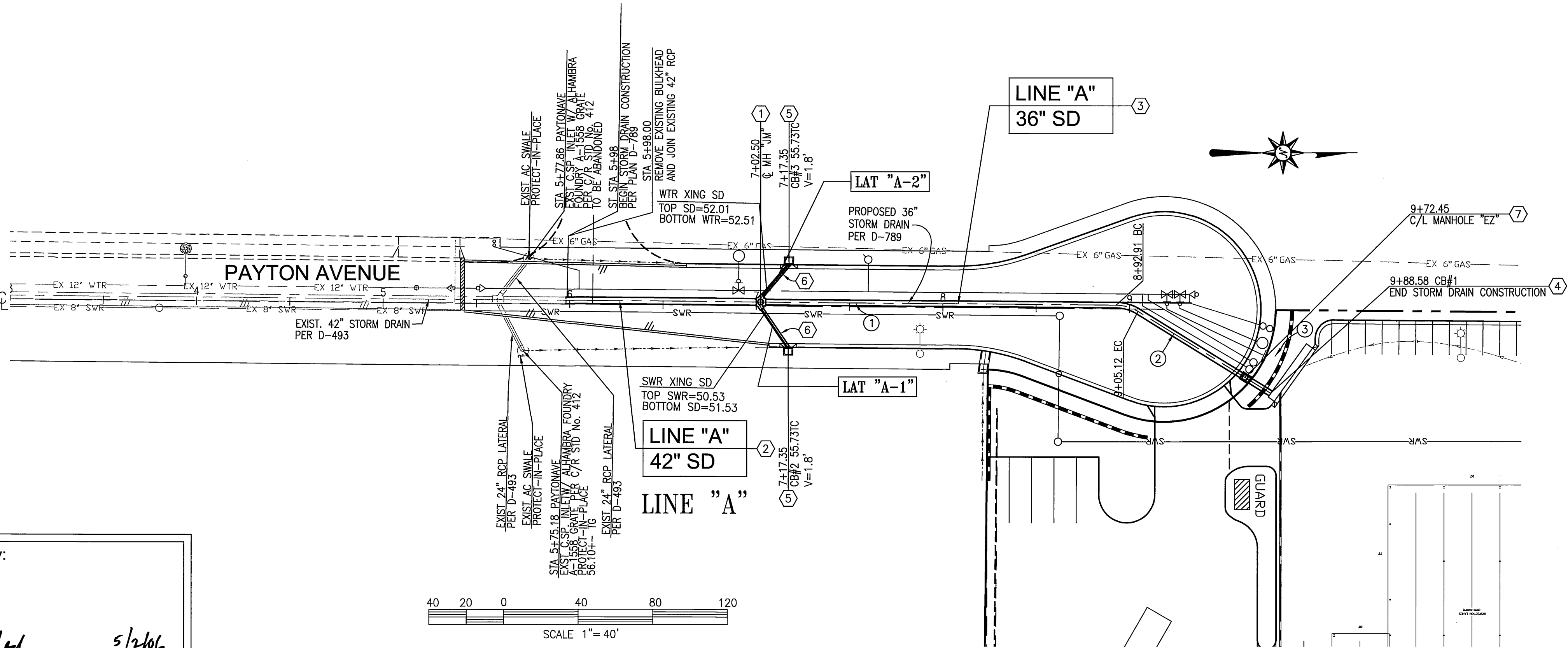
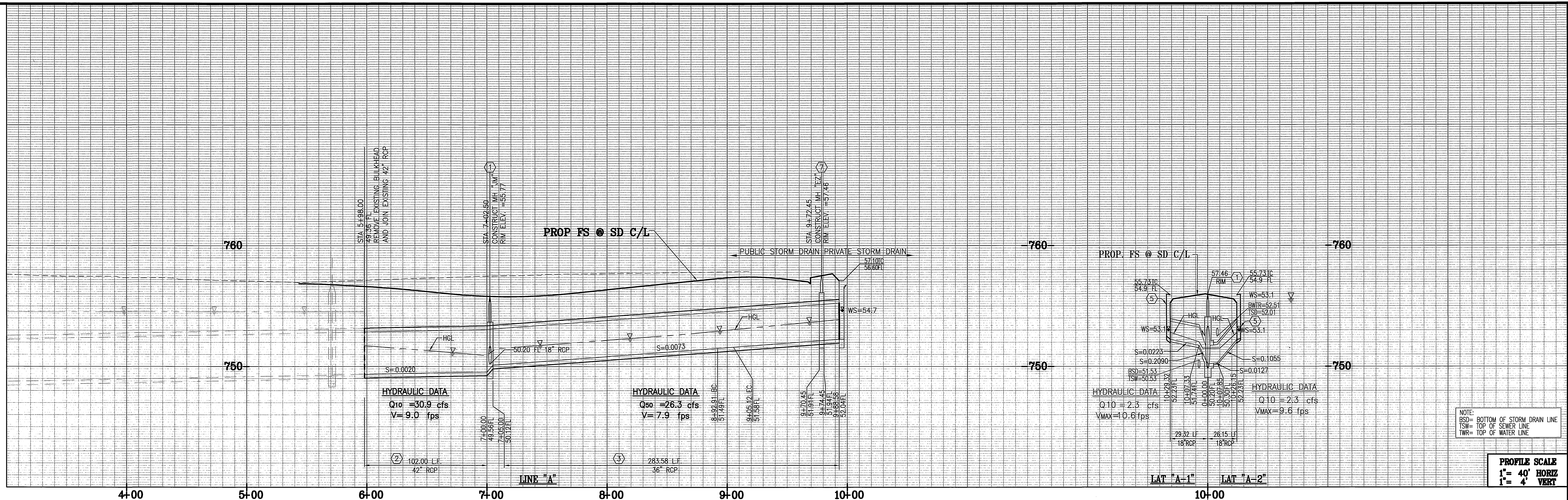
PROJECT NO.

D-789

SHEET 1 OF 2

FILE NO.: 1264-003





1	MANHOLE "JM"	
	L=5'	
	D=2.5'	
	D <sub>1</sub> =36"	
	D <sub>2</sub> =42"	
	ELEV "S"=50.20	
6	LAT "A-1"	LAT "A-2"
	A=54°55'41"	A=49°53'09"
	B=18"	B=18"
	C=54"	C=54"
	ELEV "R"=51.14	ELEV "R"=50.26

- CONSTRUCTION NOTES**
- MANHOLE "JM" PER CITY'S STD. DWG. No. 432
  - 42" RCP STORM DRAIN (18000, BEDDING PER STD 452 - CASE I)
  - 36" RCP STORM DRAIN (18000, BEDDING PER STD 452 - CASE I)
  - 35' CATCH BASIN WITH FOSSIL FILTER PER CITY'S STD. DWG. No. 405  
(FOSSIL FILTER INSTALLATION DETAIL HEREON)
  - 4' CATCH BASIN WITH FOSSIL FILTER PER CITY'S STD. DWG. No. 405  
(FOSSIL FILTER INSTALLATION DETAIL HEREON)
  - 18" RCP STORM DRAIN (20000, BEDDING PER STD 452 - CASE I)
  - MANHOLE "EZ" PER CITY'S STD. DWG. No. 431

CURVE DATA (IN FEET)				
No.	DELTA	RADIUS	LENGTH	TANGENT
①	N00°28'17"E	---	334.84'	---
②	45°59'40"	45.00'	36.12'	19.10'
③	N46°27'56"E	---	28.25'	---
④	N55°23'57"	---	29.32'	---
⑤	N49°24'52"W	---	26.15'	---

Approved By: MW McLeod 5/2/06  
City of Riverside  
Public Utilities - Water  
Date



**PRIVATE ENGINEERING NOTE**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:  
Thomas S. Love  
THOMAS S. LOVE  
REGISTERED CIVIL ENGINEER NO. 50093  
EXPIRATION DATE: 08-30-07 DATE: 11/21/06

**CEG** CANTY ENGINEERING GROUP, INC.  
CIVIL ENGINEERING - PLANNING - SURVEYING  
2020 IOWA AVENUE, SUITE 102, P.O. BOX 52050, RIVERSIDE, CA 92517  
TEL (909) 683 - 5234 FAX (909) 683 - 5301  
CITY BUSINESS TAX CERT. No. 69372 EXP. 04-07-06  
SCALE: AS NOTED BENCH MARK: SEE SHEET NO. 1  
DATE: AUGUST 2005

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CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: Byrd 5/4/06  
PRINCIPAL ENGR. DATE  
PARK DEPARTMENT  
TRAFFIC DIVISION  
DATE: 5/8/06

IN THE CITY OF RIVERSIDE, CALIFORNIA  
**MANHEIM AUTO AUCTIONS**  
STORM DRAIN IMPROVEMENT PLAN  
5894 - Payton Avenue  
FOR: MANHEIM

PW05-0458  
PROJECT NO.  
**D-789**  
SHEET 2 OF 2  
FILE NO.: 1264-003

RJZ INDEXED 5-10-06 Lf